

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method of controlling the operation mode of a hybrid access terminal (HAT) capable of communicating a first communication system that supports voice service and low-speed data service and a second communication system that supports high-speed data service, the method comprising the steps of:

monitoring both the first and second communication systems in a hybrid operation mode by the HAT; [[and]]

transitioning from the hybrid operation mode to a data-only operation mode, upon receipt of a message ordering mode transition from the second communication system, discontinuing monitoring the first communication system, and monitoring only the second communication system by the HAT; and

wrapping a signaling message from the first communication system in a signaling message format of the second communication system and transmitting the wrapped signaling message to the HAT in the data-only operation mode by the second communication system; and

processing the transmitted wrapped signaling message in the HAT.

2. (Canceled)

3. (Original) The method of claim 3, wherein the signaling message is an overhead message including system parameters of the first communication system.

4. (Original) The method of claim 1, further comprising the steps of:
wrapping a paging message for voice call termination from the first communication system in the signaling message format of the second communication

system and transmitting the wrapped paging message to the HAT in the data-only operation mode by the second communication system;

tuning to the first communication system according to the system parameters of the first communication system, transitioning to a voice call connection mode, and establishing a voice call by the HAT; and

transitioning from the voice call connection mode to the data-only operation mode by the HAT, upon release of the voice call.

5. (Original) The method of claim 1, further comprising the steps of:

wrapping a data burst message for transmission of a short message from the first communication system in the signaling message format of the second communication system and transmitting the wrapped data burst message to the HAT in the data-only operation mode by the second communication system; and

extracting the short message from the wrapped data burst message and displaying the short message by the HAT.

6. (Original) The method of claim 1, further comprising the step of:

wrapping a signaling message destined for the first communication system in the signaling message format of the second communication system and transmitting the wrapped signaling message to the second communication system by the HAT.

7. (Original) The method of claim 1, further comprising the step of:

wrapping a location registration message for registering the location of the HAT to the first communication system in the signaling message format of the second communication system and transmitting the wrapped location registration message to the second communication system by the HAT.

8. (Original) The method of claim 1, further comprising the step of:

wrapping a short message in the signaling message format of the second communication system and transmitting the wrapped short message to the second communication system by the HAT.

9. (Original) The method of claim 1, wherein the first communication system is a CDMA 2000 1x system and the second communication system is a 1xEV-DO system.

10. (Currently Amended) A method of controlling the operation mode of a hybrid access terminal (HAT) capable of communicating a first communication system that supports voice service and low-speed data service and a second communication system that supports high-speed data service, the method comprising the steps of:

monitoring both the first and second communication systems in a hybrid operation mode by the HAT;

transitioning from the hybrid operation mode to a data-only operation mode, upon receipt of a message ordering mode transition from the second communication system, discontinuing monitoring the first communication system, and monitoring only the second communication system by the HAT; [[and]]

reporting the transition to the data-only operation mode to the second communication system by the HAT;

receiving a transmitted signaling message wrapped in a signaling message of the first communication system in a signaling message format of the second communication system from the second communication system by the HAT in the data-only operation mode; and

processing the transmitted wrapped signaling message by the HAT.

11. (Original) The method of claim 10, wherein the first communication system is a CDMA 2000 1x system and the second communication system is a 1xEV-DO system.

12. (Canceled)

14. (Canceled)

15. (Canceled)

16. (Canceled)

17. (Canceled)

18. (Canceled)

19. (Canceled)